

RAW SEQUENCE LISTING

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Information Center (STIC) no errors detected.**

Application Serial Number: 10/511,415B
Source: pg
Date Processed by STIC: 7/11/06

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PCT

RAW SEQUENCE LISTING

DATE: 07/11/2006

PATENT APPLICATION: US/10/511,415B

TIME: 11:00:55

Input Set : F:\20040873.ORI-2.txt

Output Set: N:\CRF4\07112006\J511415B.raw

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3 <110> APPLICANT: Imperial College Innovations Limited
5 <120> TITLE OF INVENTION: Methods
7 <130> FILE REFERENCE: 20040873.ORI
9 <140> CURRENT APPLICATION NUMBER: US/10/511,415B
10 <141> CURRENT FILING DATE: 2004-10-14
12 <150> PRIOR APPLICATION NUMBER: PCT/GB03/01625
13 <151> PRIOR FILING DATE: 2003-04-15
15 <160> NUMBER OF SEQ ID NOS: 30
17 <170> SOFTWARE: PatentIn version 3.1
19 <210> SEQ ID NO: 1
20 <211> LENGTH: 400
21 <212> TYPE: PRT
22 <213> ORGANISM: Homo sapiens
24 <400> SEQUENCE: 1
26 Met Met Asp Leu Arg Asn Thr Pro Ala Lys Ser Leu Asp Lys Phe Ile
27 1 5 10 15
30 Glu Asp Tyr Leu Leu Pro Asp Thr Cys Phe Arg Met Gln Ile Asp His
31 20 25 30
34 Ala Ile Asp Ile Ile Cys Gly Phe Leu Lys Glu Arg Cys Phe Arg Gly
35 35 40 45
38 Ser Ser Tyr Pro Val Cys Val Ser Lys Val Val Lys Gly Gly Ser Ser
39 50 55 60
42 Gly Lys Gly Thr Thr Leu Arg Gly Arg Ser Asp Ala Asp Leu Val Val
43 65 70 75 80
46 Phe Leu Ser Pro Leu Thr Thr Phe Gln Asp Gln Leu Asn Arg Arg Gly
47 85 90 95
50 Glu Phe Ile Gln Glu Ile Arg Arg Gln Leu Glu Ala Cys Gln Arg Glu
51 100 105 110
54 Arg Ala Leu Ser Val Lys Phe Glu Val Gln Ala Pro Arg Trp Gly Asn
55 115 120 125
58 Pro Arg Ala Leu Ser Phe Val Leu Ser Ser Leu Gln Leu Gly Glu Gly
59 130 135 140
62 Val Glu Phe Asp Val Leu Pro Ala Phe Asp Ala Leu Gly Gln Leu Thr
63 145 150 155 160
66 Gly Ser Tyr Lys Pro Asn Pro Gln Ile Tyr Val Lys Leu Ile Glu Glu
67 165 170 175
70 Cys Thr Asp Leu Gln Lys Glu Gly Glu Phe Ser Thr Cys Phe Thr Glu
71 180 185 190
74 Leu Gln Arg Asp Phe Leu Lys Gln Arg Pro Thr Lys Leu Lys Ser Leu
75 195 200 205
78 Ile Arg Leu Val Lys His Trp Tyr Gln Asn Cys Lys Lys Lys Leu Gly
79 210 215 220
82 Lys Leu Pro Pro Gln Tyr Ala Leu Glu Leu Leu Thr Val Tyr Ala Trp

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83 225          230          235          240
86 Glu Arg Gly Ser Met Lys Thr His Phe Asn Thr Ala Gln Gly Phe Arg
87          245          250          255
90 Thr Val Leu Glu Leu Val Ile Asn Tyr Gln Gln Leu Cys Ile Tyr Trp
91          260          265          270
94 Thr Lys Tyr Tyr Asp Phe Lys Asn Pro Ile Ile Glu Lys Tyr Leu Arg
95          275          280          285
98 Arg Gln Leu Thr Lys Pro Arg Pro Val Ile Leu Asp Pro Ala Asp Pro
99          290          295          300
102 Thr Gly Asn Leu Gly Gly Gly Asp Pro Lys Gly Trp Arg Gln Leu Ala
103 305          310          315          320
106 Gln Glu Ala Glu Ala Trp Leu Asn Tyr Pro Cys Phe Lys Asn Trp Asp
107          325          330          335
110 Gly Ser Pro Val Ser Ser Trp Ile Leu Leu Ala Glu Ser Asn Ser Thr
111          340          345          350
114 Asp Asp Glu Thr Asp Asp Pro Arg Thr Tyr Gln Lys Tyr Gly Tyr Ile
115          355          360          365
118 Gly Thr His Glu Tyr Pro His Phe Ser His Arg Pro Ser Thr Leu Gln
119          370          375          380
122 Ala Ala Ser Thr Pro Gln Ala Glu Glu Asp Trp Thr Cys Thr Ile Leu
123 385          390          395          400

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126 <210> SEQ ID NO: 2

127 <211> LENGTH: 1590

128 <212> TYPE: DNA

129 <213> ORGANISM: Homo sapiens

131 <400> SEQUENCE: 2

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132 gaggcagttc tgttgccact ctctctcctg tcaatgatgg atctcagaaa taccacagcc 60
134 aaatctctgg acaagttcat tgaagactat ctcttgccag acacgtgttt ccgcatgcaa 120
136 atcgaccatg ccattgacat catctgtggg ttctgaagg aaaggtgctt ccgaggtagc 180
138 tctacacctg tgtgtgtgtc caaggtggta aaggggtggc cctcaggcaa gggcaccacc 240
140 ctacagggcc gatctgacgc tgacctgggt gtcttctcca gtcctctcac cacttttcag 300
142 gatcagttaa atcgccgggg agagttcatc caggaaatta ggagacagct ggaagcctgt 360
144 caaagagaga gagcactttc cgtgaagttt gaggtccagg ctccacgctg gggcaacccc 420
146 cgtgcgctca gcttcgtact gagttcgctc cagctcgggg agggggtgga gttcgatgtg 480
148 ctgcctgctt ttgatgcctt gggtcagttg actggcagct ataaacctaa ccccaaatc 540
150 tatgtcaagc tcatcgagga gtgcaccgac ctgcagaaag agggcgagtt ctccacctgc 600
152 ttcacagAAC tacagagaga cttctgaag cagcgcccca ccaagctcaa gagcctcatc 660
154 cgctagtca agcactggta ccaaaattgt aagaagaagc ttgggaagct gccacctcag 720
156 tatgccctgg agctcctgac ggtctatgct tgggagcgag ggagcatgaa aacacatttc 780
158 aacacagccc aaggatttcg gacggtcttg gaattagtca taaactacca gcaactctgc 840
160 atctactgga caaagtatta tgactttaaa aacccatta ttgaaaagta cctgagaagg 900
162 cagctcacga aaccaggcc tgtgatcctg gaccggcggg accctacagg aaacttgggt 960
164 ggtggagacc caaagggttg gaggcagctg gcacaagagg ctgaggcctg gctgaattac 1020
166 ccatgcttta agaattggga tgggtcccca gtgagctcct ggattctgct ggctgaaagc 1080
168 aacagtacag acgatgagac cgacgatccc aggacgtatc agaaatatgg ttacattgga 1140
170 acacatgagt accctcattt ctctcataga cccagcacgc tccaggcagc atccacccca 1200
172 caggcagaag aggactggac ctgcaccatc ctctgaatgc cagtgcattt tgggggaaag 1260
174 ggctccagtg ttatctggac cagttccttc attttcaggt gggactcttg atccagagaa 1320
176 gacaaagctc ctcatgagc tgggtgtataa tccaagacag aacccaagtc tcctgactcc 1380

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178 tggccttcta tgccctctat cctatcatag ataacattct ccacagcctc acttcattcc 1440
180 acctattctc tgaaaatatt ccctgagaga gaacagagag atttagataa gagaatgaaa 1500
182 ttccagcctt gactttcttc tgtgcacctg atgggagggt aatgtcta atgtattatcaa 1560
184 taacaataaa aataaagcaa ataccaaaaa 1590
187 <210> SEQ ID NO: 3
188 <211> LENGTH: 20
189 <212> TYPE: DNA
190 <213> ORGANISM: Artificial
192 <220> FEATURE:
193 <223> OTHER INFORMATION: PCR primer based on Homo sapiens OAS1.
195 <400> SEQUENCE: 3
196 ctccactgagg agctttgtct 20
199 <210> SEQ ID NO: 4
200 <211> LENGTH: 18
201 <212> TYPE: DNA
202 <213> ORGANISM: Artificial
204 <220> FEATURE:
205 <223> OTHER INFORMATION: PCR primer based on Homo sapiens OAS1.
207 <400> SEQUENCE: 4
208 cactgaggag ctttgtcc 18
211 <210> SEQ ID NO: 5
212 <211> LENGTH: 21
213 <212> TYPE: DNA
214 <213> ORGANISM: Artificial
216 <220> FEATURE:
217 <223> OTHER INFORMATION: PCR primer based on Homo sapiens OAS1.
219 <400> SEQUENCE: 5
220 cagggtgggac tcttgatcca g 21
223 <210> SEQ ID NO: 6
224 <211> LENGTH: 20
225 <212> TYPE: DNA
226 <213> ORGANISM: Artificial
228 <220> FEATURE:
229 <223> OTHER INFORMATION: PCR primer based on Homo sapiens PKR.
231 <400> SEQUENCE: 6
232 aggggttcctg gccgtgcagg 20
235 <210> SEQ ID NO: 7
236 <211> LENGTH: 18
237 <212> TYPE: DNA
238 <213> ORGANISM: Artificial
240 <220> FEATURE:
241 <223> OTHER INFORMATION: PCR primer based on Homo sapiens PKR.
243 <400> SEQUENCE: 7
244 ccgcgctccc tcggctgc 18
247 <210> SEQ ID NO: 8
248 <211> LENGTH: 20
249 <212> TYPE: DNA
250 <213> ORGANISM: Artificial
252 <220> FEATURE:

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253 <223> OTHER INFORMATION: PCR primer based on Homo sapiens PKR.
255 <400> SEQUENCE: 8
256 atattctctt tgtaatcagg                                20
259 <210> SEQ ID NO: 9
260 <211> LENGTH: 20
261 <212> TYPE: DNA
262 <213> ORGANISM: Artificial
264 <220> FEATURE:
265 <223> OTHER INFORMATION: PCR primer based on Homo sapiens PKR.
267 <400> SEQUENCE: 9
268 aaaaatggca atcactcacc                                20
271 <210> SEQ ID NO: 10
272 <211> LENGTH: 20
273 <212> TYPE: DNA
274 <213> ORGANISM: Artificial
276 <220> FEATURE:
277 <223> OTHER INFORMATION: PCR primer based on Homo sapiens PKR.
279 <400> SEQUENCE: 10
280 ccttctatga tttctcctag                                20
283 <210> SEQ ID NO: 11
284 <211> LENGTH: 20
285 <212> TYPE: DNA
286 <213> ORGANISM: Artificial
288 <220> FEATURE:
289 <223> OTHER INFORMATION: PCR primer based on Homo sapiens PKR.
291 <400> SEQUENCE: 11
292 atccaaaggc aatacgtacc                                20
295 <210> SEQ ID NO: 12
296 <211> LENGTH: 20
297 <212> TYPE: DNA
298 <213> ORGANISM: Artificial
300 <220> FEATURE:
301 <223> OTHER INFORMATION: PCR primer based on Homo sapiens PKR.
303 <400> SEQUENCE: 12
304 acagtgtttt atctttaagg                                20
307 <210> SEQ ID NO: 13
308 <211> LENGTH: 21
309 <212> TYPE: DNA
310 <213> ORGANISM: Artificial
312 <220> FEATURE:
313 <223> OTHER INFORMATION: PCR primer based on Homo sapiens PKR.
315 <400> SEQUENCE: 13
316 gtaacattta ctacttactc g                                21
319 <210> SEQ ID NO: 14
320 <211> LENGTH: 20
321 <212> TYPE: DNA
322 <213> ORGANISM: Artificial
324 <220> FEATURE:
325 <223> OTHER INFORMATION: PCR primer based on Homo sapiens PKR.

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RAW SEQUENCE LISTING

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TIME: 11:00:55

Input Set : F:\20040873.ORI-2.txt

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327 <400> SEQUENCE: 14
328 ccctgttcct tttaactagg                                20
331 <210> SEQ ID NO: 15
332 <211> LENGTH: 20
333 <212> TYPE: DNA
334 <213> ORGANISM: Artificial
336 <220> FEATURE:
337 <223> OTHER INFORMATION: PCR primer based on Homo sapiens PKR.
339 <400> SEQUENCE: 15
340 ctcaggatca taatcactgc                                20
343 <210> SEQ ID NO: 16
344 <211> LENGTH: 20
345 <212> TYPE: DNA
346 <213> ORGANISM: Artificial
348 <220> FEATURE:
349 <223> OTHER INFORMATION: PCR primer based on Homo sapiens PKR.
351 <400> SEQUENCE: 16
352 ctgtgaattt tatacccagg                                20
355 <210> SEQ ID NO: 17
356 <211> LENGTH: 21
357 <212> TYPE: DNA
358 <213> ORGANISM: Artificial
360 <220> FEATURE:
361 <223> OTHER INFORMATION: PCR primer based on Homo sapiens PKR.
363 <400> SEQUENCE: 17
364 gtattacttt ttccacttac c                                21
367 <210> SEQ ID NO: 18
368 <211> LENGTH: 20
369 <212> TYPE: DNA
370 <213> ORGANISM: Artificial
372 <220> FEATURE:
373 <223> OTHER INFORMATION: PCR primer based on Homo sapiens PKR.
375 <400> SEQUENCE: 18
376 gactctcact gtcattgcag                                20
379 <210> SEQ ID NO: 19
380 <211> LENGTH: 20
381 <212> TYPE: DNA
382 <213> ORGANISM: Artificial
384 <220> FEATURE:
385 <223> OTHER INFORMATION: PCR primer based on Homo sapiens PKR.
387 <400> SEQUENCE: 19
388 gtgtcattgc actccagcct                                20
391 <210> SEQ ID NO: 20
392 <211> LENGTH: 624
393 <212> TYPE: DNA
394 <213> ORGANISM: Homo sapiens
396 <400> SEQUENCE: 20
397 ggatccagat ggcattgtcac agtatactaa atgctcactg aatccagctg caatgcagga    60
399 agactcccct gatgtgatca tgtgtctcac cctttcaggc tgaaagcaac agtacagacg    120

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RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/10/511,415B

DATE: 07/11/2006
TIME: 11:00:56

Input Set : F:\20040873.ORI-2.txt
Output Set: N:\CRF4\07112006\J511415B.raw

Invalid <213> Response:

Use of "Artificial" only as "<213> Organism" response is incomplete,
per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,21,22,23,24,25,26,27,28,29,30

VERIFICATION SUMMARY

DATE: 07/11/2006

PATENT APPLICATION: US/10/511,415B

TIME: 11:00:56

Input Set : F:\20040873.ORI-2.txt

Output Set: N:\CRF4\07112006\J511415B.raw